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RAW SEQUENCE LISTING DATE: 07/10/2002
PATENT APPLICATION: **US/10/090,182A** TIME: 10:53:02

Input Set : **A:\126181-1014 sequence listing.txt**
Output Set: **N:\CRF3\07102002\J090182A.raw**

SEQUENCE LISTING

(1) GENERAL INFORMATION:
(i) APPLICANT: Abrams, Mark A.
Bauer, S. C.
Braford-Goldberg, Sarah R.
Caparon, Maire H.
Easton, Alan M.
Klein, Barbara K.
McKearn, John P.
Olins, Peter O.
Paik, Kumnan
Thomas, John W.
(ii) TITLE OF INVENTION: Methods of Ex-vivo Expansion of Hematopoietic Cells Using Interleukin-3 (IL-3) Multiple Mutation Polypeptides
(iii) NUMBER OF SEQUENCES: 415
(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: S. Christopher Bauer, Pharmacia Corp Corporate Patent Dept. Mail Zone O4E
(B) STREET: 800 N. Lindbergh Blvd.
(C) CITY: St. Louis
(D) STATE: Missouri
(E) COUNTRY: USA
(F) ZIP: 63167
(v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25
(vi) CURRENT APPLICATION DATA:
C--> **(A) APPLICATION NUMBER: US/10/090,182A**
C--> **(B) FILING DATE: 03-Apr-2002**
(C) CLASSIFICATION:
(vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: 08/764,114
(B) FILING DATE: 09-DEC-1996
(A) APPLICATION NUMBER: US 07/981,044
(B) FILING DATE: 24-NOV-1992
(A) APPLICATION NUMBER: PCT/US93/11197
(B) FILING DATE: 22-NOV-1993
(A) APPLICATION NUMBER: 08/411,795
(B) FILING DATE: 04-JUN-1995
(viii) ATTORNEY/AGENT INFORMATION:

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```
      (A) NAME: S. Christopher Bauer
      (B) REGISTRATION NUMBER: 42,305
      (C) REFERENCE/DOCKET NUMBER: C2713/12
   (ix) TELECOMMUNICATION INFORMATION:
      (A) TELEPHONE: (636)737-6257
      (B) TELEFAX: (736)737-6257
(2) INFORMATION FOR SEQ ID NO: 1:
    (i) SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 23 base pairs
      (B) TYPE: nucleic acid
      (C) STRANDEDNESS: single
      (D) TOPOLOGY: linear
W--> (ii) MOLECULE TYPE: DNA (synthetic)
   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
CTAGCGATCT TTTAATAAGC TTG                                              23
(2) INFORMATION FOR SEQ ID NO: 2:
    (i) SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 23 base pairs
      (B) TYPE: nucleic acid
      (C) STRANDEDNESS: single
      (D) TOPOLOGY: linear
W--> (ii) MOLECULE TYPE: DNA (synthetic)
   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
GATCCAAGCT TATTAAAAGA TCG                                              23
(2) INFORMATION FOR SEQ ID NO: 3:
    (i) SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 69 base pairs
      (B) TYPE: nucleic acid
      (C) STRANDEDNESS: single
      (D) TOPOLOGY: linear
W--> (ii) MOLECULE TYPE: DNA (synthetic)
   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
GGCAACAATT TCTACAAAAC ACTTGATACT GTATGAGCAT ACAGTATAAT TGCTTCAACA       60
GAACAGATC                                                              69
(2) INFORMATION FOR SEQ ID NO: 4:
    (i) SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 67 base pairs
      (B) TYPE: nucleic acid
      (C) STRANDEDNESS: single
      (D) TOPOLOGY: linear
W--> (ii) MOLECULE TYPE: DNA (synthetic)
   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
TGTTCTGTTG AAGCAATTAT ACTGTATGCT CATACAGTAT CAAGTGTTTT GTAGAAATTG       60
TTGCCGC                                                                67
(2) INFORMATION FOR SEQ ID NO: 5:
    (i) SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 23 base pairs
      (B) TYPE: nucleic acid
      (C) STRANDEDNESS: single
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```
     142           (D) TOPOLOGY: linear
W--> 144      (ii) MOLECULE TYPE: DNA (synthetic)
     148      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
     150 CCATTGCTGC CGGCATCGTG GTC                                          23
     152 (2) INFORMATION FOR SEQ ID NO: 6:
     154       (i) SEQUENCE CHARACTERISTICS:
     155           (A) LENGTH: 46 base pairs
     156           (B) TYPE: nucleic acid
     157           (C) STRANDEDNESS: single
     158           (D) TOPOLOGY: linear
W--> 160      (ii) MOLECULE TYPE: DNA (synthetic)
     164      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
     166 CATGGCTCCA ATGACTCAGA CTACTTCTCT TAAGACTTCT TGGGTT                  46
     168 (2) INFORMATION FOR SEQ ID NO: 7:
     170       (i) SEQUENCE CHARACTERISTICS:
     171           (A) LENGTH: 42 base pairs
     172           (B) TYPE: nucleic acid
     173           (C) STRANDEDNESS: single
     174           (D) TOPOLOGY: linear
W--> 176      (ii) MOLECULE TYPE: DNA (synthetic)
     180      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
     182 AACCCAAGAA GTCTTAAGAG AAGTAGTCTG AGTCATTGGA GC                      42
     184 (2) INFORMATION FOR SEQ ID NO: 8:
     186       (i) SEQUENCE CHARACTERISTICS:
     187           (A) LENGTH: 64 base pairs
     188           (B) TYPE: nucleic acid
     189           (C) STRANDEDNESS: single
     190           (D) TOPOLOGY: linear
W--> 192      (ii) MOLECULE TYPE: DNA (synthetic)
     196      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
     198 AATTCCGTCG TAAACTGACC TTCTATCTGA AAACCTTGGA GAACGCGCAG GCTCAACAGT      60
     200 AATA                                                               64
     202 (2) INFORMATION FOR SEQ ID NO: 9:
     204       (i) SEQUENCE CHARACTERISTICS:
     205           (A) LENGTH: 64 base pairs
     206           (B) TYPE: nucleic acid
     207           (C) STRANDEDNESS: single
     208           (D) TOPOLOGY: linear
W--> 210      (ii) MOLECULE TYPE: DNA (synthetic)
     214      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
     216 AGCTTATTAC TGTTGAGCCT GCGCGTTCTC CAAGGTTTTC AGATAGAAGG TCAGTTTACG      60
     218 ACGG                                                               64
     220 (2) INFORMATION FOR SEQ ID NO: 10:
     222       (i) SEQUENCE CHARACTERISTICS:
     223           (A) LENGTH: 126 amino acids
     224           (B) TYPE: amino acid
     225           (D) TOPOLOGY: linear
     227      (ii) MOLECULE TYPE: peptide
     231      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
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```
233      Met Ala Pro Met Thr Gln Thr Thr Ser Leu Lys Thr Ser Trp Val Asn
234      1               5                   10                  15
236      Cys Ser Asn Met Ile Asp Glu Ile Ile Thr His Leu Lys Gln Pro Pro
237                  20                  25                  30
239      Leu Pro Leu Leu Asp Phe Asn Asn Leu Asn Gly Glu Asp Gln Asp Ile
240              35                  40                  45
242      Leu Met Glu Asn Asn Leu Arg Arg Pro Asn Leu Glu Ala Phe Asn Arg
243          50                  55                  60
245      Ala Val Lys Ser Leu Gln Asn Ala Ser Ala Ile Glu Ser Ile Leu Lys
246      65                  70                  75                  80
248      Asn Leu Leu Pro Cys Leu Pro Leu Ala Thr Ala Ala Pro Thr Arg His
249                  85                  90                  95
251      Pro Ile His Ile Lys Asp Gly Asp Trp Asn Glu Phe Arg Arg Lys Leu
252                  100                 105                 110
254      Thr Phe Tyr Leu Lys Thr Leu Glu Asn Ala Gln Ala Gln Gln
255              115                 120                 125
257 (2) INFORMATION FOR SEQ ID NO: 11:
259      (i) SEQUENCE CHARACTERISTICS:
260          (A) LENGTH: 24 base pairs
261          (B) TYPE: nucleic acid
262          (C) STRANDEDNESS: single
263          (D) TOPOLOGY: linear
W--> 265     (ii) MOLECULE TYPE: DNA (synthetic)
269      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
271 CATGGCTAAC TGCTCTAACA TGAT                                          24
273 (2) INFORMATION FOR SEQ ID NO: 12:
275      (i) SEQUENCE CHARACTERISTICS:
276          (A) LENGTH: 22 base pairs
277          (B) TYPE: nucleic acid
278          (C) STRANDEDNESS: single
279          (D) TOPOLOGY: linear
W--> 281     (ii) MOLECULE TYPE: DNA (synthetic)
285      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
287 CGATCATGTT AGAGCAGTTA GC                                            22
289 (2) INFORMATION FOR SEQ ID NO: 13:
291      (i) SEQUENCE CHARACTERISTICS:
292          (A) LENGTH: 113 amino acids
293          (B) TYPE: amino acid
294          (D) TOPOLOGY: linear
296      (ii) MOLECULE TYPE: peptide
300      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
302      Met Ala Asn Cys Ser Asn Met Ile Asp Glu Ile Ile Thr His Leu Lys
303      1               5                   10                  15
305      Gln Pro Pro Leu Pro Leu Leu Asp Phe Asn Asn Leu Asn Gly Glu Asp
306                  20                  25                  30
308      Gln Asp Ile Leu Met Glu Asn Asn Leu Arg Arg Pro Asn Leu Glu Ala
309              35                  40                  45
311      Phe Asn Arg Ala Val Lys Ser Leu Gln Asn Ala Ser Ala Ile Glu Ser
312          50                  55                  60
```

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```
314      Ile Leu Lys Asn Leu Leu Pro Cys Leu Pro Leu Ala Thr Ala Ala Pro
315      65                  70                  75                  80
317      Thr Arg His Pro Ile His Ile Lys Asp Gly Asp Trp Asn Glu Phe Arg
318                  85                  90                  95
320      Arg Lys Leu Thr Phe Tyr Leu Lys Thr Leu Glu Asn Ala Gln Ala Gln
321                 100                 105                 110
323      Gln
326 (2) INFORMATION FOR SEQ ID NO: 14:
328      (i) SEQUENCE CHARACTERISTICS:
329           (A) LENGTH: 27 amino acids
330           (B) TYPE: amino acid
331           (D) TOPOLOGY: linear
333     (ii) MOLECULE TYPE: peptide
337     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
339      Met Met Ile Thr Leu Arg Lys Leu Pro Leu Ala Val Ala Val Ala Ala
340      1               5                   10                  15
342      Gly Val Met Ser Ala Gln Ala Met Ala Asn Cys
343                 20                  25
345 (2) INFORMATION FOR SEQ ID NO: 15:
347      (i) SEQUENCE CHARACTERISTICS:
348           (A) LENGTH: 133 amino acids
349           (B) TYPE: amino acid
350           (D) TOPOLOGY: linear
352     (ii) MOLECULE TYPE: peptide
355     (ix) FEATURE:
356           (A) NAME/KEY: Modified-site
357           (B) LOCATION: 1
358           (D) OTHER INFORMATION: /note= "Met- may or may not precede the
359 amino acid in position 1"
361     (ix) FEATURE:
362           (A) NAME/KEY: Modified-site
363           (B) LOCATION: 17
364           (D) OTHER INFORMATION: /note= "Xaa at position 17 is Ser,
365 Lys, Gly, Asp, Met, Gln, or Arg"
367     (ix) FEATURE:
368           (A) NAME/KEY: Modified-site
369           (B) LOCATION: 18
370           (D) OTHER INFORMATION: /note= "Xaa at position 18 is Asn,
371 His, Leu, Ile, Phe, Arg, or Gln"
373     (ix) FEATURE:
374           (A) NAME/KEY: Modified-site
375           (B) LOCATION: 19
376           (D) OTHER INFORMATION: /note= "Xaa at position 19 is Met,
377 Phe, Ile, Arg, Gly, Ala, or Cys"
379     (ix) FEATURE:
380           (A) NAME/KEY: Modified-site
381           (B) LOCATION: 20
382           (D) OTHER INFORMATION: /note= "Xaa at position 20 is Ile,
383 Cys, Gln, Glu, Arg, Pro, or Ala"
```

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Input Set : **A:\126181-1014 sequence listing.txt**
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L:39 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:40 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:76 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=1
L:92 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=2
L:108 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=3
L:126 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=4
L:144 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=5
L:160 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=6
L:176 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=7
L:192 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=8
L:210 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=9
L:265 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=11
L:281 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=12
L:1023 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:16
L:1026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:32
L:1029 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:48
L:1032 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:64
L:1035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:80
L:1038 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:96
L:1041 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:112
L:1611 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:16
L:1614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:32
L:1617 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:48
L:1620 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:64
L:1623 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:80
L:1626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:96
L:1629 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:112
L:2078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:16
L:2081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:32
L:2084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:48
L:2087 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:64
L:2090 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:80
L:2093 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:96
L:2096 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:112
L:2413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:16
L:2416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:32
L:2419 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:48
L:2422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:64
L:2425 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:80
L:2428 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:96
L:2431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:112
L:3111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:3114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:16
L:3117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:32
L:3120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:48
L:3123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:64
L:3126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:80
L:3129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:96

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L:3283 M:220 C: Keyword misspelled or invalid format, [(D) OTHER INFORMATION:]
L:3692 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:3695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:16
L:3698 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:32
L:3701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:48
L:3704 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:64
L:3707 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:80
L:3710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:96
L:3750 M:220 C: Keyword misspelled or invalid format, [(D) OTHER INFORMATION:]
L:4090 M:220 C: Keyword misspelled or invalid format, [(D) OTHER INFORMATION:]
L:4155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:4158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:16
L:4161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:32
L:4164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:48
L:4167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:64
L:4170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:80
L:4173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:96
L:4485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:4514 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=23
L:4530 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=24
L:4546 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=25
L:4562 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=26
L:4578 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=27
L:4594 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=28
L:4610 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=29
L:4626 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=30
L:4642 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=31
L:4658 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=32
L:4674 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=33
L:4690 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=34
L:4706 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=35
L:4722 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=36
L:4738 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=37
L:4754 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=38
L:4770 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=39
L:4786 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=40
L:4802 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=41
L:4818 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=42
L:4834 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=43
L:4850 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=44
L:4866 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=45
L:4882 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=46
L:4898 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=47
L:4914 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=48
L:4930 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=49
L:4946 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=50
L:4962 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=51
L:4978 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=52
L:4994 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=53
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Input Set : **A:\126181-1014 sequence listing.txt**
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L:5010 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=54
L:5026 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=55
L:5042 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=56
L:5058 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=57
L:5074 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=58
L:5090 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=59
L:5106 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=60
L:5122 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=61
L:7182 M:220 C: Keyword misspelled or invalid format, [(D) OTHER INFORMATION:]
L:7228 M:220 C: Keyword misspelled or invalid format, [(B) LOCATION:]
L:7509 M:220 C: Keyword misspelled or invalid format, [(A) NAME/KEY:]
L:7569 M:220 C: Keyword misspelled or invalid format, [(B) LOCATION:]
L:7587 M:220 C: Keyword misspelled or invalid format, [(B) LOCATION:]